



APS NOTES:

- PUSH BUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60" X 60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
- THE 10' SEPARATION BETWEEN PUSH BUTTONS IS TO BE MEASURED FROM FACE OF PUSH BUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
- PUSH BUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
- LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.09 AND FIG. 4E.2 AND THE NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE". IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSH BUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
- APS WILL FUNCTION AS FOLLOWS:

TO CROSS MD 450 AT MD 953

- A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
"WAIT TO CROSS ANNAPOLIS AT GLENN DALE WAIT."
- B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

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GEOMETRIC CONSTRUCTION DETAILS:

- INSTALL COMBINATION SIDEWALK RAMP (STANDARD NO. MD 655.13) (NOTE: TWO 24" X 36" DETECTABLE WARNING SURFACES.)
- INSTALL COMBINATION SIDEWALK RAMP (STANDARD NO. MD 655.13) (NOTE: TWO 24" X 48" DETECTABLE WARNING SURFACES.)
- INSTALL PERPENDICULAR SIDEWALK RAMP (STANDARD NO. MD 655.11) (NOTE: TWO 24" X 48" DETECTABLE WARNING SURFACES.)
- INSTALL STANDARD TYPE A COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02).
- INSTALL STANDARD TYPE A CURB (STANDARD NO. MD 620.02).
- INSTALL CURB AND GUTTER FOR CONCRETE ISLAND, FILL WITH 5" SIDEWALK.
- BEGIN 12:1 RAMP
- BEGIN 48:1 LEVEL LANDING AREA.
- TIE IN RAMP WITH EXISTING SIDEWALK AT JOINT.
- TIE NEW CURB TO EXISTING CURB AT JOINT.
- REMOVE CONCRETE, SEED AND MULCH.

TOD NO: XX439-03
SHA NO: PG995B52
MD 450 @ MD 953



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 450 (ANNAPOLIS RD.) AT
MD 953 (GLENN DALE RD.)
GLENN DALE, MD

GEOMETRIC PLAN SHEET

SCALE 1" = 10' ADVERTISED DATE 12/2011 CONTRACT NO. XX4395185

DESIGNED BY DM COUNTY PRINCE GEORGE'S
DRAWN BY DM LOGMILE 1604507.9
CHECKED BY RM TMS NO. K992
F.A.P. NO. SHEET NO.

TS NO. 3083D DRAWING - OF SHEET NO. 2 OF 3

PLOTTED: Monday, December 05, 2011 AT 07:32 AM
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